

AMENDED CLAIMS

[received by the International Bureau on 14 October 1996 (14.10.96);
original claims 2,3 and 7-9 cancelled; original claims 1,4 and 10 amended;
remaining claims unchanged { 3 pages }]

1.(amended) A non-contacting type radio frequency recognizing credit card system comprising:

5 a batteryless type RF card having an antenna coil wound around the inner edges of said RF card within said card several times and an IC disposed within said antenna coil, and being energized by received radio wave from a card terminal so as to transmit its own card
10 number to said card terminal by a radio frequency;

said card terminal radiating a radio wave to generate an induced electromotive force in said RF card, receiving said card number data by RF, and transmitting the card number data, ~~/received~~ through a radio
15 frequency, to a wire-connected terminal computer for an inquiry to a black list; and

said terminal computer reading the card number data from said card terminal to make an inquiry to a black list which is updated from the central computer
20 periodically or intermittently, to make a decision for issuing an approval of a transaction or a disapproval of the transaction, and to transmit the result of the decision to said card terminal.

25 2.(cancelled)

3.(cancelled)

2 4.(amended) The non-contacting type radio frequency recognizing credit card system as claimed in claim 1, wherein said IC in RF card comprises:

30 an RF interface section including a rectifier, a modem, a voltage stabilizer, and a clock generator;

a control section including an arithmetic controller internally having a serial/parallel mutual converting circuit; and

35 a memory section including an EEPROM for

electrically recording and erasing the data.

3. The non-contacting type radio frequency
recognizing credit card system as claimed in claim ^{2, 2}~~4~~,
5 wherein a part of the memory of said EEPROM is allocated
for storing a small amount of an advance payment and/or
for a debit card system.

4. The non-contacting type radio frequency
10 recognizing credit card system as claimed in claim 1,
wherein said card terminal comprises:

a main control module;
an RF card communication module for exchanging
data with said RF card and for activation of said RF
15 card;

a transaction detail storing module; and
a terminal computer communication module for
exchanging data with said terminal computer.

20

~~7. (cancelled)~~

~~8. (cancelled)~~

~~9. (cancelled)~~

25

5
~~10.~~ (amended) A non-contacting type radio
frequency recognizing credit card system comprising:

a batteryless type RF card having an antenna
coil wound around the inner edges of said RF card within
said card several times and an IC disposed within said
antenna coil, and being energized by received radio wave
30 from a card terminal so as to transmit its own card
number to said card terminal by a radio frequency;

said card terminal radiating a radio wave to
generate an induced electromotive force in said RF card,
and receiving said card number data by RF, and having a
35 black list data storage module which updated black list

from the central computer through the terminal computer periodically or intermittently, to make a decision for issuing an approval of a transaction or a disapproval of the transaction; and

5 a terminal computer for receiving and summarizing the details of transaction data transmitted from said card terminal to transmit the summarized data to the central computer, and for receiving updated black list data from said central computer to transmit
10 them to said card terminal.

15

20

25

30

35